



$$y = \sqrt{-(x-3)} + 1$$



$$y = a \sqrt{1 - \left(\frac{x-h}{c}\right)^2} + k$$

height \nearrow
 $\frac{1}{2}$ width \nearrow
 x-coord middle \nearrow
 y-coord of feet \nearrow

$$y = a|x-h| + k$$

vert sketch \nearrow
 x-coord vertex \nearrow
 y-coord vertex \nearrow

$$y = -\frac{1}{2}|x-2| + 1$$

$$y = 5\sqrt{1 - \left(\frac{x+3}{2}\right)^2} - 2$$

2

